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Version 5.0
October 2001

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The following sections contain notices for various countries:

CAUTION: This device is intended to be connected by the user to a CSA/TUV/UL certified/listed IBM AT or compatible personal computer in the manufacturer's defined operator access area. Check the equipment operating/installation manual and/or with the equipment manufacturer to verify/confirm if your equipment is suitable for devices.

ATTENTION: Ce périphérique est destiné à être connecté par l'utilisateur à un ordinateur IBM AT certifié ou listé CSA/TUV/UL ou compatible, à l'intérieur de la zone d'accès définie par le fabricant. Consulter le mode d'emploi/guide d'installation et/ou le fabricant de l'appareil pour vérifier ou confirmer qu'il est possible de connecter d'autres périphériques à votre sytème.

Notice for the USA

FCC Part 15: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this notice is not a guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

CAUTION: To comply with the limits for the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits.

All cables used to connect the computer and peripherals must be shielded and grounded. Operation with non-certified computers or non-shielded cables may result in interference to radio or television reception.

Modifications

Any changes or modifications not expressly approved by the manufacturer of this device could void the user's authority to operate the device.

Notice for Canada

This apparatus complies with the Class "B" limits for radio interference as specified in the Canadian Department of Communications Radio Interference Regulations.

Cet appareil est conforme aux normes de CLASSE "B" d'interférence radio tel que spécifié par le Ministère Canadien des Communications dans les règlements d'interférence radio.

Compliance

This product conforms to the following Council Directive:

- Directive 89/336/EEC, 92/31/EEC (EMC), 73/23/EEC (LVD), (73/23/EEC), as amended by directive 93/68/EEC.

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Creative European Contact Centre

Introduction

Your D.A.P Jukebox

The Creative D.A.P Jukebox is a USB, multi-format portable audio player/recorder.

This new light-weight (14oz. without batteries) digital audio player comes in the size of a CD disc player and features high capacity storage capabilities with 6GB of built-in storage that holds an entire music collection (over 150 albums). It features a Line-In for analog recording from external sources and dual Line-Out connections ideal for connecting a four-speaker system such as Cambridge SoundWorks FourPointSurround Speakers.

Unlike other hardware-based solutions, the D.A.P Jukebox features an onboard real-time digital signal processor (DSP) and real-time effects processor for superior audio playback and customization. A Headphone-Out jack supports headphone spatialization and equalizer effects. This SDMI-capable portable digital audio player supports multiple formats including MP3 and WAV file formats. The D.A.P Jukebox supports downloadable features including new effects algorithms, security features, and additional formats e.g. Windows Media Audio (WMA).

Software

D.A.P Jukebox comes bundled with the following:

- ❑ Creative PlayCenter 2, which manages your favorite digital audio files on your computer and D.A.P Jukebox. It is also an integrated encoder for ripping audio CD tracks into compressed digital audio files.
- ❑ Macintosh® iTunes, which features a powerful interface for importing music CDs to MP3 files, creating playlists, burning music CDs, moving music to your D.A.P Jukebox as well as for listening to hundreds of radio stations on the Internet.
- ❑ More than 6 hours of preloaded music and audio book content from Soundbuzz.com and others.

You can also download more MP3 files through worldwide web sites or online services to play them back on your D.A.P Jukebox.

For more details on MP3, refer to *Appendix A, "An MP3 Primer"*.

MPEG Layer-3 audio compression technology licensed by Fraunhofer IIS and THOMSON multimedia.

Information is correct at time of printing. For the latest inforamtion, visit **www.europe.creative.com**

System Requirements

For PC:

- ❑ Microsoft® Windows® 98 and Windows® 2000 or Me
- ❑ 200 MHz or higher Pentium® or AMD K6-200 (Pentium II or AMD K6-200 or better recommended for MP3 encoding)
- ❑ SVGA graphics adapter (256 colours, 800 x 600) or higher resolution and color display

- ❑ Internet connection for Internet content downloading or CDDB[2] support (any charges incurred are the responsibility of the end user)
- ❑ 64 MB RAM (128 MB recommended)
- ❑ USB port
- ❑ 30 MB free hard disk space (more for audio content storage)
- ❑ CD-ROM drive with digital audio extraction support

For Mac®

- ❑ Mac OS version 9.0 or higher
- ❑ iMac™, G3 or higher
- ❑ Internet connection for Internet content downloading or CDDB[2] support (any charges incurred are the responsibility of the end user)
- ❑ 64 MB RAM (128 MB recommended)
- ❑ USB port
- ❑ USB Manager version 1.2 or higher
- ❑ 12 MB free hard disk space (more for audio content storage)
- ❑ CD-ROM drive with digital audio extraction support

Document Conventions

The following typographical conventions are used throughout this document.

Table i: Text conventions.

Text Elements	Use
bold	Text that must be entered exactly as it appears.
italic	Title of a book or a placeholder. A placeholder represents information that you must provide.
UPPERCASE	Directory name, file name, or acronym.
< >	Symbols, letters, and key names on the keyboard.

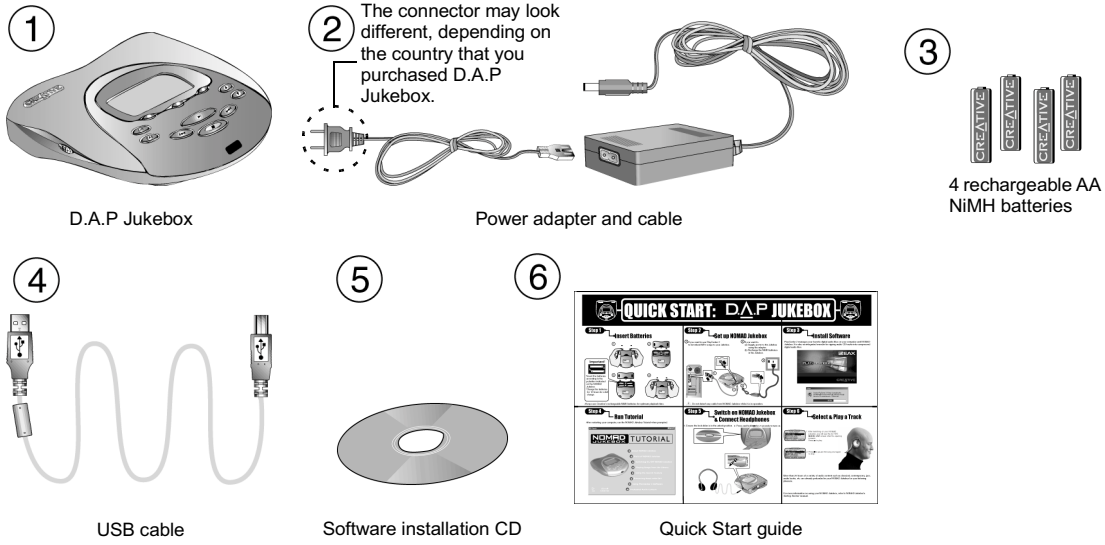
Table ii: Icons.

This symbol	Indicates
	A note.
	A warning.
	A tip.

Your D.A.P Jukebox Package

In The Package

Your D.A.P Jukebox package contains the following items:



D.A.P Jukebox

Power adapter and cable

4 rechargeable AA NiMH batteries

USB cable

Software installation CD

Quick Start guide

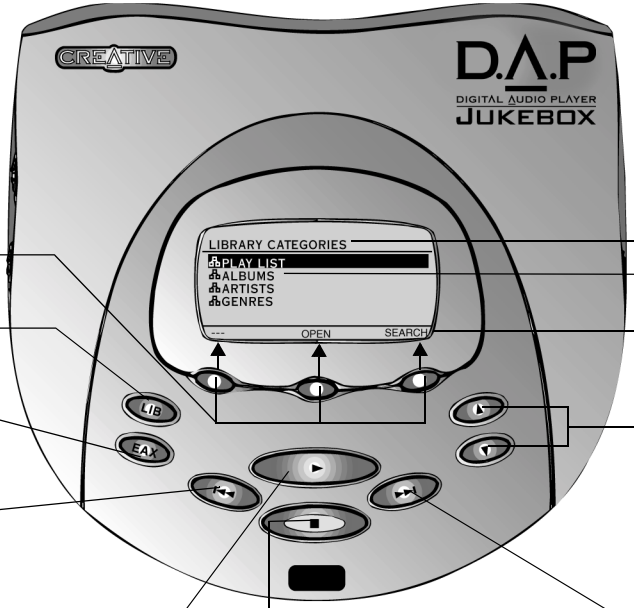
Figure 1-1: D.A.P Jukebox package.

For the latest list of optional accessories, visit http://www.europe.creative.com.

Location Of Controls

Diagram shown may look different from the actual product. D.A.P Jukebox is also known as Nomad Jukebox in the U.S.

D.A.P Jukebox - Front View



Soft buttons
Press to execute the labels directly above them in the LCD.

Library button
This is the "Home" key. Press to switch between the LIBRARY CATEGORIES screen and the ACTIVE QUEUE LIST screen.

EAX and System button
Press to display the full list of EAX & System Settings which can be adjusted.

Skip Backward button
Press to restart audio at the start of the *previous* track in the Play List. The PlayPointer icon indicates the playing track. Hold down the button to enable the Seek function and search backward to any point in the memory

Play button/ON
Press and hold for four seconds to turn on the Jukebox. Also, press once to immediately play a selected track. Press to *immediately* play any item selected. A track selected from the Music Library is placed at the top of the ACTIVE QUEUE LIST; a track selected from the ACTIVE QUEUE LIST advances the list to that track and begins playback.

Stop button/PAUSE/OFF
Press once to *pause* playback. Press again to *stop* playback. The PlayPointer returns to the beginning of the track. Press the Play button to resume playback.

Skip Forward button
Restarts audio at the start of the *next* track in the Play List. Hold down the button to enable the Seek function and search forward to any point in the memory.

Screen Title

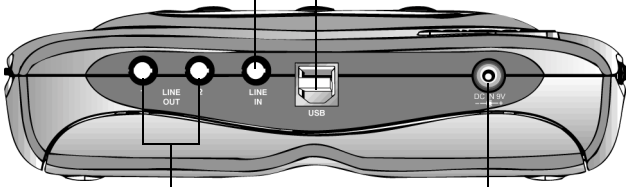
Main Info

Soft button functions

Scroll Up/Down buttons
These buttons are used for screen navigation e.g. press to move up or down through the items or press and hold to increase the speed of movement through the list. They are also used to move the letter entry position to the left or right indicated by a ^.

Figure 1-2: Front view of D.A.P Jukebox.

D.A.P Jukebox - Side Views

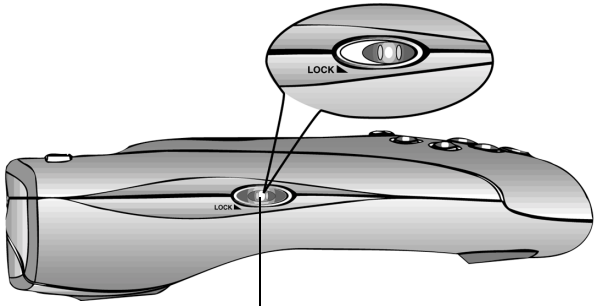


Line In Jack
Connects to an external audio source for recording to D.A.P Jukebox.

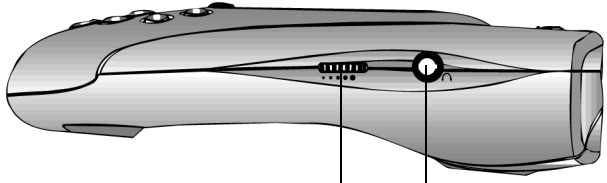
USB Port

Line Out Jacks 1 & 2
Connects to a four speaker system such as Creative Cambridge SoundWorks FourPointSurround for enhanced audio effects.
Note: Line Out Jack 1 connects to front speakers while Line Out Jack 2 connects to rear speakers.

Power Jack
Connects to the supplied power adapter.
Note: D.A.P Jukebox will charge the rechargeable NiMH batteries if the batteries are in D.A.P Jukebox regardless of whether the power is turned on or off.



Lock switch
While in the Locked position, the control buttons cannot be operated.



Volume Control
Controls audio playback volume through the headphones only.
Note: To control the playback volume of speakers connected to D.A.P Jukebox using Line Out Jacks 1 & 2, adjust the volume control of the speakers instead.

Headphones Jack

Figure 1-3: Side views of D.A.P Jukebox.

D.A.P Jukebox - Rear View

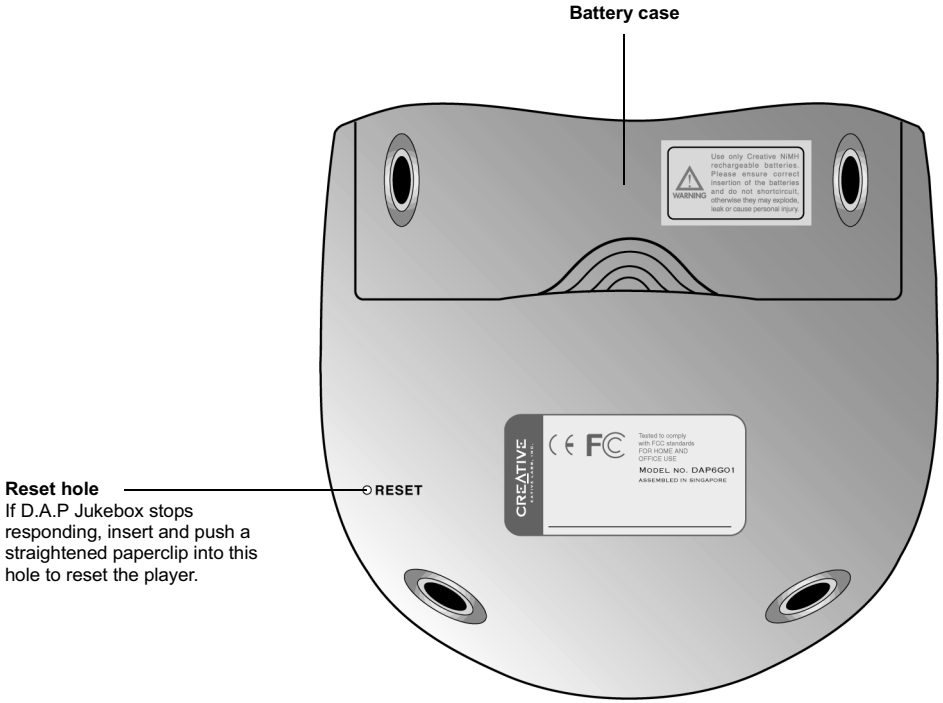

Battery case
Use only Creative NiMH rechargeable batteries. Please ensure correct insertion of the batteries and do not shortcircuit, otherwise they may explode, leak or cause personal injury.
WARNING
Tested to comply with FCC standards FOR HOME AND OFFICE USE
MODEL NO. DAP6G01
ASSEMBLED IN SINGAPORE
CREATIVE
Reset hole
If D.A.P Jukebox stops responding, insert and push a straightened paperclip into this hole to reset the player.
RESET

Figure 1-4: Rear view of D.A.P Jukebox.

Setting Up Your D.A.P Jukebox

2

D.A.P Jukebox is preloaded with more than 6 hours of music so you can start enjoying the songs without connecting your D.A.P Jukebox to a PC. Just follow these steps to listen to the songs immediately:

Step 1: Insert Batteries

Insert the rechargeable NiMH batteries according to the polarities indicated as shown in the diagrams below.

Note: Using alkaline, NiCd, and other batteries will result in shorter playback time. The recharging element of the Jukebox is not designed to recharge these batteries.

IMPORTANT
Make sure that the four metal contact clips are set against the plastic platform and not pushed sideways or downwards when you insert the batteries.For optimum playback time always use Creative NiMH batteries. Follow the placement diagram in the battery compartment for proper installation. Do not mix batteries of different types or power (amperage). Batteries ***must*** be charged fully for 12 hours before initial use. The minimum time required for recharging is four hours while Jukebox is turned off or ten hours if Jukebox is in use.

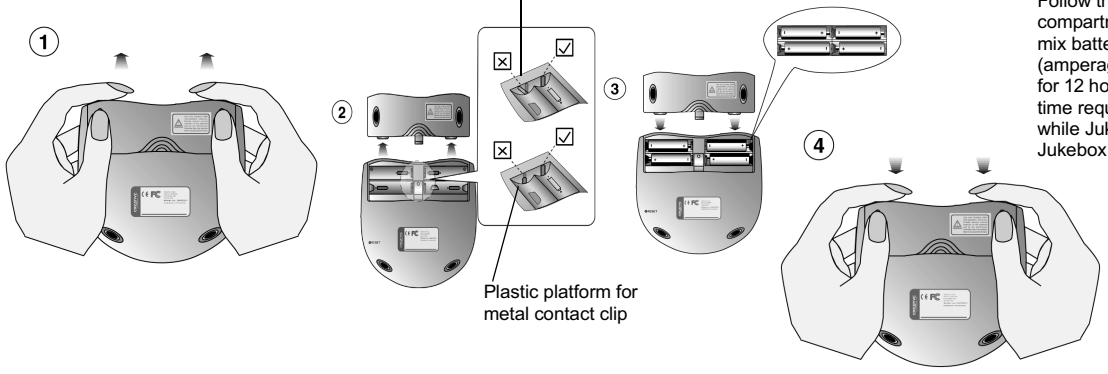


Figure 2-1: Inserting batteries.

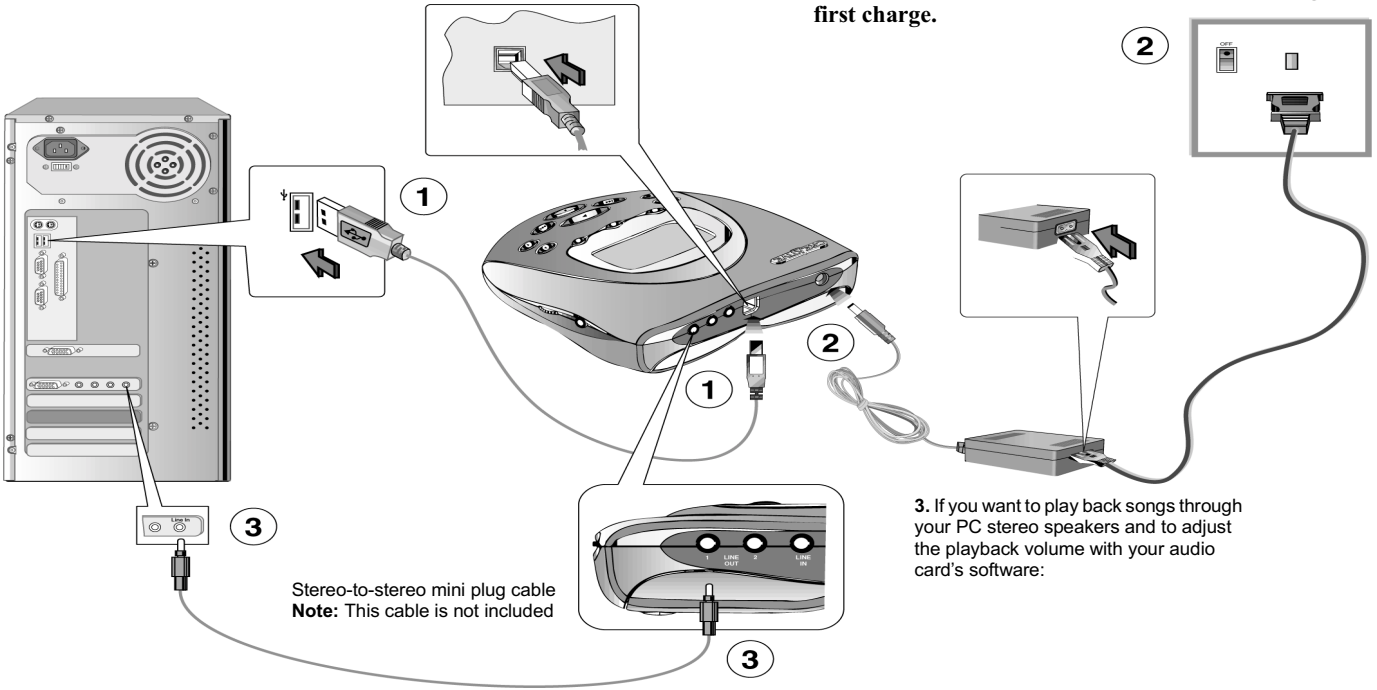
Step 2: Connect D.A.P Jukebox to your PC/Mac

You may leave your computer on when you connect your D.A.P Jukebox to the PC/Mac. A USB device like the Jukebox will be automatically detected by Plug-and-Play.

1. If you want to use PlayCenter 2 to download MP3 songs to your D.A.P Jukebox:

2. If you want to:
a) Supply power to your D.A.P Jukebox using the power adapter
b) Recharge the rechargeable NiMH batteries in D.A.P Jukebox

Before first use, charge the batteries continuously for 12 hours - ensure the unit is Powered OFF during this first charge.



3. If you want to play back songs through your PC stereo speakers and to adjust the playback volume with your audio card's software:

Figure 2-2: Connecting D.A.P Jukebox to a PC.

Step 3: Install Software

For Windows

1. Insert the D.A.P Jukebox Installation CD into your CD-ROM drive.
2. At the Creative PlayCenter 2 setup screen, the applications to be installed are selected by default. Click the **OK** button to start the installation.
   The **Creative On-line Registration** dialog box appears.
3. Click the **Next** button to register so Creative can keep you updated on the latest developments for D.A.P Jukebox.
4. Follow the instructions on the screen to continue with the installation, you will be prompted to run the D.A.P Jukebox Tutorial.
5. Click the **Yes** button to run it.
6. When prompted to restart your system, leave the CD in the CD-ROM drive, select the **Yes, I want to restart my computer now** option and then click the **Yes** button.

For Macintosh OS 9 users

Macintosh OS 9 users who want to install iTunes must install Version 1.1 of the application.

1. Insert the Creative Installation CD into your CD-ROM drive. The **D.A.P Jukebox** icon appears on your desktop.
2. Double-click the **D.A.P Jukebox** icon. The **D.A.P Jukebox** window appears.
3. Double-click the **iTunes** folder. The **iTunes** window appears.
4. Double-click the **iTunes v1.1 for Mac OS 9** folder. The **iTunes v1.1 for Mac OS 9** window appears.
5. Double-click the language folder you want. For example, if you want to install the English version of iTunes, double-click the **English** folder.
   The respective language window appears. For example, if you double-click the **English** folder, the **English** window appears.
6. Double-click the **Install iTunes** icon. The **License** window appears.
7. Read the Software License Agreement, then click **Accept** if you accept the terms. The **Read Me** window appears.
8. Read the information provided, then click **Continue**. The **Install iTunes** window appears.
9. The **Easy Install** option is selected by default. This installs the iTunes application with audio CD authoring support. The other option, **Custom Install**, installs the iTunes application with CD authoring support and audio CD authoring support for USB/FireWire® CD-RW drives.
10. Click the installation option you want, then click **Install**. A dialog box appears, prompting you to confirm installation of audio CD authoring support.
11. Click **Proceed**. A message box appears informing you that the installation has been launched.
12. After installation, a dialog box appears, prompting you to restart your system. Click **Restart** to restart your system.
13. After restarting, the **iTunes** window appears. Double-click the **iTunes** icon to launch the application.

For Macintosh OS X users

Macintosh OS X users who want to install iTunes must install Version 1.1.1 of the application.

1. Insert the Creative Installation CD into your CD-ROM drive. The **D.A.P Jukebox** icon appears on your desktop.
2. Double-click the **D.A.P Jukebox** icon. The **D.A.P Jukebox** window appears.
3. Double-click the **iTunes** folder. The **iTunes** window appears.
4. Double-click the **iTunes v1.1.1 for OS X** folder. The **iTunes v1.1.1 for OS X** window appears.
5. Double-click the **iTunes for Mac OS X.smi** icon. The **Software License Agreement** window appears.
6. Read the agreement, then click **Agree** if you agree to the terms. The **iTunes for Mac OS X** window appears.
7. Double-click the **iTunes for Mac OS X** folder. The **iTunes for Mac OS X** window appears.

8. Double-click the **iTunes.pkg** icon. The **Install iTunes for Mac OS X** window appears, prompting you to type in the administrator password.
9. Type in the password, then click **OK**. An introduction to iTunes appears in the **Install iTunes for Mac OS X** window.
10. Read the introduction, then click **Continue**. The iTunes readme text appears in the **Install iTunes for Mac OS X** window.
11. Read the readme text, then click **Continue**. The **Software License Agreement** appears in the **Install iTunes for Mac OS X** window.
12. Read the Software License Agreement, then click **Continue**. A dialog box appears, asking you if you agree to the terms.
13. Click **Agree** if you agree to the terms. Icons representing possible installation locations in your system appear in the **Install iTunes for Mac OS X** window.
14. Click the appropriate icon, then click **Continue**.
15. Click **Install** to start installation. After installation, click **Close** to close the window.
16. Click the **iTunes** icon on the Dock, then click **Open iTunes** to launch the application.

Mac OS X users must be in the classic environment to run the D.A.P Jukebox tutorial.

Step 4: Verify D.A.P Jukebox Driver Installation

For Windows

1. Click **Start** -> **Settings** -> **Control Panel**.
2. In the **Control Panel** window, double-click the **System** icon.
3. In the **System Properties** dialog box, click the **Device Manager** tab.
4. In the **Device Manager** tabbed page, double-click **Universal Serial Bus controllers**, and then check that **Creative D.A.P Jukebox** is present as shown in Figure 2-3 below.

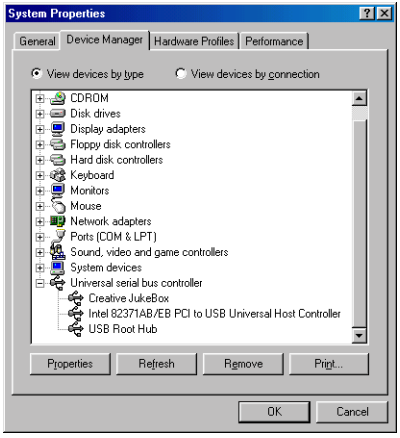


Figure 2-3: Verifying that Creative D.A.P Jukebox driver is installed correctly.

For Macintosh OS 9 users and Macintosh users that installed OS X over OS 9 (Dual-Boot)

1. On the desktop, double-click the hard disk icon where iTunes has been installed. The hard disk window appears.
2. Double-click the **System Folder** icon. The **System Folder** window appears.
3. Double-click the **Extensions** icon. The **Extensions** window appears.
4. Be sure that the **NOMAD Jukebox USB Driver** icon is listed.
   Note: Icons for other NOMAD Jukebox players are also listed, representing the additional drivers installed during the setup.

For Macintosh users that installed OS X only

1. On the desktop, double-click the hard disk icon where OS X has been installed. The hard disk window appears.
2. Double-click the **Applications** folder. The **Applications** window appears.
3. While pressing <Control>, click the **iTunes** icon. A menu appears.
4. Click **Show Package Contents**. The **iTunes** window appears.
5. Double-click the **Contents** folder. The **Contents** window appears.
6. Double-click the **Plug-ins** folder. The **Plug-ins** window appears.

7. Be sure that the **D.A.P Jukebox Plugin.bundle** icon is listed.
   Note: Icons for other NOMAD Jukebox players are also listed, representing the additional drivers installed during the setup.

Step 5: Switch on D.A.P Jukebox

1. Ensure that the Lock switch on D.A.P Jukebox is in the Unlock position (see Figure 1-3 on page 1-3).
2. Press and hold the **Play** button for 4 seconds.

Using Your D.A.P Jukebox 3

An online interactive tutorial is included to guide you through the important operations on D.A.P Jukebox. We recommend you run through the tutorial first before proceeding. Refer to "Step 3: Install Software" on page 2-3.

Overview of Screen Icons

The following table describes the various icons that may appear beside an item listed on the D.A.P Jukebox screen.

Icon	What it means
	Category (Artist, Style, Albums, etc.).
	List of Tracks (an Album, Play List, etc.).
	Single Track.
	PlayPointer. Appears beside the Track or List which is currently being played (depending on the ACTIVE QUEUE LIST screen).
	The highlighted item is selected.
	Battery Charging **NOTE:** Should the Battery Charging icon change to the Power Source icon, the batteries are fully charged
	Power Source is from the adapter.

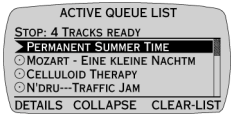
Navigating Screens in D.A.P Jukebox

The Music Library screens allow the content on D.A.P Jukebox to be viewed and selected for playback. To select Lists or Tracks, use the **SCROLL UP/DOWN** button. To play, press the **PLAY** button. To queue Albums or Tracks, press the **QUEUE** soft button.

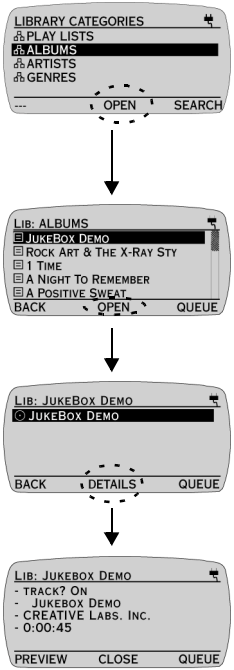
There are 4 main types of screens in the Music Library: **Categories**, **Lists**, **Tracks** and **Details**. These screens apply to ALBUMS, ARTISTS, GENRES and PLAY LISTS.

Opening Screen

The **ACTIVE QUEUE LIST** screen appears whenever you switch on D.A.P Jukebox. Also, if you make any changes to the ACTIVE QUEUE LIST, the settings will be saved when you switch off D.A.P Jukebox and appears when you switch on D.A.P Jukebox the next time.



Navigating to Lower Level Screens



In the ACTIVE QUEUE LIST screen, press LIB to go to the screen below.

Categories screen

This is the top level of the Music Library. Press **OPEN** (soft button) to navigate to the Lists screen e.g. ALBUMS.

Lists screen

Press **OPEN** to navigate to the Tracks screen.

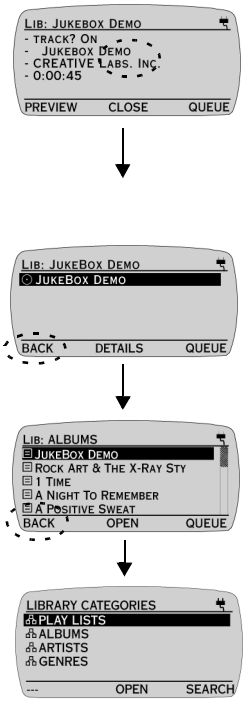
Tracks screen

Press **DETAILS** to navigate to the Details screen,

Details screen

This screen is the final level of the Music Library and cannot be expanded further.

Navigating to Upper Level Screens



Details screen

Press **CLOSE** to navigate to the Tracks screen.

Tracks screen

Press **BACK** to navigate to the List screen.

Lists screen

Press **BACK** to navigate to the Categories screen.

Categories screen

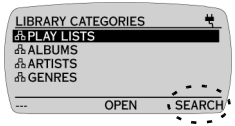
This is the top level of the Music Library.

BACK may be displayed instead of CLOSE.

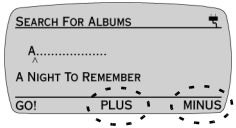
What You Can Do in Music Library

Searching for an ALBUM, ARTIST, GENRE or PLAY LIST

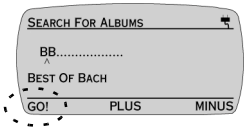
Ensure that you are in the LIBRARY CATEGORIES screen before proceeding.



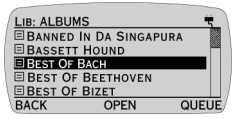
1. Press **SCROLL UP/DOWN** buttons to select ALBUMS.
2. Press **SEARCH** to access the **SEARCH FOR ALBUMS** screen.



3. Press **PLUS** or **MINUS** to change the letter and then press the **SCROLL UP/DOWN** buttons to move the letter entry position (indicated by a ^).



Note: As each letter is entered, the letters are compared with the ALBUMS list. The ALBUM with the nearest match is displayed automatically.



4. Press **GO!** to jump to the nearest match.
   The album appears on the screen.

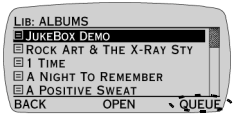
To return to the LIBRARY CATEGORIES screen without searching, press the **LIB** button.

NOTE: To search by Play Lists, Artists or Genres, select the appropriate category in Step 1.

Queueing an Album

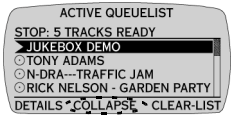
Instead of playing albums immediately from the Music Library, queueing an album allows you to append them to the last item of the ACTIVE QUEUE LIST without interrupting the current playback.

Ensure that you are in the ALBUMS screen before proceeding.



1. Press the **SCROLL UP/DOWN** buttons to select an album and then press **QUEUE**.

Note: To select more than one album, repeat step 1 for each album.

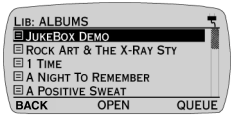


2. Press the **LIB** button to access the ACTIVE QUEUE LIST screen to check your queue list.

Note: By default, the ACTIVE QUEUE LIST screen displays tracks. Press **COLLAPSE** to view by albums.

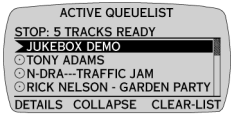
Queueing a Track

Queueing a track or vioce recording is very similar to adding an album - start from the ALBUMS screen.



1. Press the **SCROLL UP/DOWN** button to select an album and then press **OPEN** to display the tracks available.

Note: Select the tracks one at a time and press **QUEUE** for each.



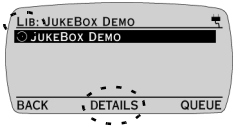
2. Press the **LIB** button to access the ACTIVE QUEUE LIST screen to reviewthe tracks in your queue list.

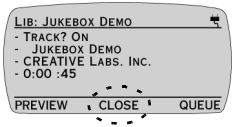
You may select tracks from the GENRES screen as well: On the LIBRARY CATEGORIES screen, use the SCROLL UP/DOWN button to select GENRES and press OPEN. Select the type of music from which you want to choose and press OPEN.

To add a voice recording to the ACTIVE QUEUE LIST, from the LIBRARY CATEGORIES screen, select GENRES. Use the SCROLL UP/DOWN button to select RECORDING and press the OPEN button. Select the recording you want to add to the ACTIVE QUEUE LIST and press QUEUE.*

Viewing Details

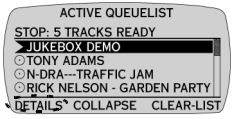
There are two types of DETAILS screens. The first type is accessed from the TRACKS screen and the second type is accessed from the ACTIVE QUEUE LIST screen.

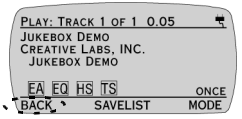




Viewing DETAILS accessed from the TRACKS screen

1. Press **DETAILS**.
   The DETAILS screen displays the Track Order, Album, Artist and duration of the track.
2. Press **CLOSE** to return to the TRACKS screen.





Viewing DETAILS accessed from the ACTIVE QUEUE LIST screen

1. Press **DETAILS**.
   The DETAILS screen displays the Track Title, Artist and Album together with Audio Playback settings (see note below) and Play Mode (see "Seek Mode" on page 3-7).
2. Press **BACK** to return to the ACTIVE QUEUE LIST screen.

The following Playback settings will be shown on the LCD if they have been turned on.

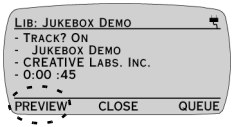
Icon	What it means
EA	You have applied an Environmental Preset such as Concert Hall.
EQ	You have applied Parametric EQ.
HS	You have applied Headphone Spatialization such as Full effects.
TS	You have adjusted to a different playback speed (faster or slower) using Time Scaling.
4S	You have applied spatialization (4-Channel Speaker Sound) to your four speaker system. This icon appears only if speakers are connected).
Note: You can adjust all the above settings in the EAX and System Menu. For details, refer to "What You can Do in EAX and System Menu" on page 3-8 onwards.	
ONCE	Plays the current track or play list once.
SHUFFLE	Play once in random order.
RANDOM	Plays continuously in a random way.
REPEAT	Repeats the playback.

TS and EA cannot be used simultaneously.

Previewing a Track

Previewing a track allows you to play a track without placing it in the ACTIVE PLAY LIST screen. It is useful if you want to listen to the track before deciding whether or not to queue the track.

Ensure that you are in the DETAILS screen accessed from the TRACKS screen before proceeding.



1. Press **PREVIEW**. The track plays for its entire duration.
2. Press **STOP** to stop the Preview playback.

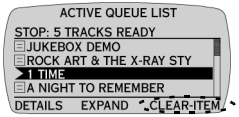
Preview cannot be used if audio is already playing.

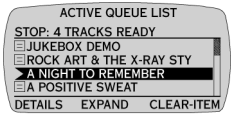
Removing Albums, Tracks or Play Lists from the ACTIVE QUEUE LIST screen

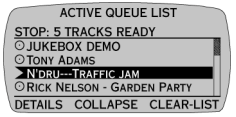
Removing selected Albums, Tracks or Play Lists only clears them from the ACTIVE QUEUE LIST screen. The action ***does not*** erase actual tracks from D.A.P Jukebox.

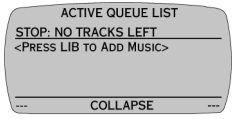
To erase actual tracks, see “Deleting Library Items” on page 3-12

Ensure that you are in the ACTIVE QUEUE LIST screen and in COLLAPSE view before proceeding.









Removing Items

- Press the **SCROLL UP/DOWN** buttons to select tracks to clear and then press CLEAR-ITEM for each one. The track is cleared from the ACTIVE QUEUE LIST screen.

Removing the entire Play List

1. Press EXPAND to go to the EXPAND view so that you see COLLAPSE above the middle soft button.
2. Press CLEAR-LIST.

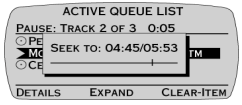
What You can Do while Playing Tracks/Albums

Refer to the *Quick Start* leaflet for instructions to play a track.

Skipping Forward/Backward by Tracks

- Press the **SKIP FORWARD/BACKWARD** buttons to skip forward to the next track or skip backward to the previous track.

Seek Mode

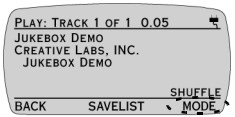


- Press and hold the **SKIP FORWARD/BACKWARD** buttons to advance forwards or backwards.

Setting Play Mode

Play Mode specifies how tracks or albums in the ACTIVE QUEUE LIST screen are being played. There are four modes: ONCE, SHUFFLE (play once in random order), RANDOM (continuous random play) and REPEAT.

Ensure that you are in DETAILS screen before proceeding.

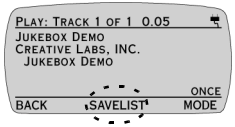


- Press **MODE** (repeatedly, if necessary) to change to the desired Play Mode.

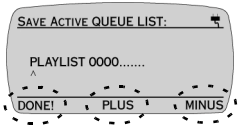
Saving an Active Queue List in DETAILS screen

You can queue your favorite tracks to the ACTIVE QUEUE LIST screen and then save the tracks as a Play List for easy retrieval.

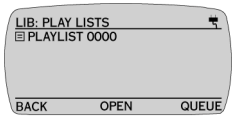
Saving a Play List in DETAILS screen is a shortcut to the SAVE ACTIVE QUEUE LIST function in the EAX and System Menu.



1. Press **SAVELIST** to save all the currently queued tracks to a play list.



2. Press **PLUS** or **MINUS** to change the letter and then press the **SCROLL UP/DOWN** buttons to move the letter entry position indicated by a ^.
3. Press **DONE!** The ALBUMS screen returns.
4. Press **BACK** to return to LIBRARY CATEGORIES screen.



5. Press the **SCROLL UP/DOWN** buttons to select PLAY LISTS.
6. Press **OPEN** to check your saved PLAY LIST.

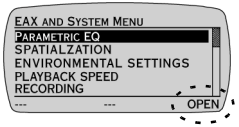
To delete a PlayList, see “Deleting Library Items” on Page 3-12.

What You can Do in EAX and System Menu

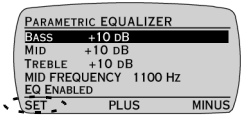
Parametric EQ, Spatialization, Environmental Settings and Playback Speed are EAX technologies. For a more detailed explanation of these technologies, refer to the online *D.A.P Jukebox Tutorial*. System Menus contain a list of features and preferences which can be adjusted and set.

Adjusting Parametric EQ

Get the sound you want by tweaking Bass, Treble and Middle equalizer settings by +/- 12 decibels. Fine-tune audio playback further by setting middle frequency between 200 to 4500 hertz. Adjustments are heard immediately if you are currently playing a track.



1. Press the **EAX** button to access EAX AND SYSTEM MENU and then press the **SCROLL UP/DOWN** buttons to select PARAMETRIC EQ.
2. Press **OPEN**.



3. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
4. Press **PLUS** or **MINUS** to adjust the setting.
5. Press **SET** to save the adjustment(s).

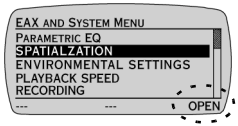
Note: If you do not want to change the settings, press **EAX**.

These adjustments will be applied only if EQ ENABLED is selected. They will be disabled if EQ BYPASSED is selected.

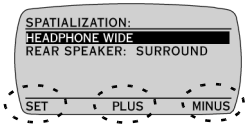
Adjusting Spatialization Settings

With Spatialization, you can experience audio from your headphones with Narrow, Wide or Full effects. Duplicate or Surround effects is also possible with a four speaker system like Cambridge SoundWorks FourPointSurround Speakers.

Ensure that you are in EAX AND SYSTEM MENU before proceeding.



1. Press the **SCROLL UP/DOWN** buttons to select SPATIALIZATION.
2. Press **OPEN**.



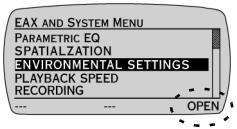
3. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
4. Press **PLUS** or **MINUS** to adjust the setting.
5. Press **SET** to save the adjustment(s).

Only one spatialization effect can be applied at a time. For example, if you select FULL spatialization for your headphones, no spatialization effects are applied to your speakers.

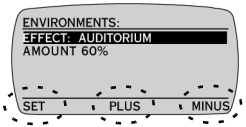
Adjusting Environmental Settings

You can select one of the following Environmental Settings: City, Arena, Concert Hall, Auditorium, Club, Cave, Hallway, Stone Room, Living Room, and Ball Room. You can also adjust the AMOUNT of the selected Environmental Setting to customize its intensity.

Ensure that you are in EAX AND SYSTEM MENU before proceeding.



1. Press the **SCROLL UP/DOWN** buttons to select ENVIRONMENTAL SETTINGS.
2. Press **OPEN**.

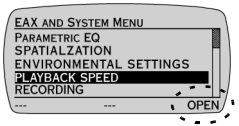


3. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
4. Press **PLUS** or **MINUS** to adjust the setting.
5. Press **SET** to save the adjustment(s).

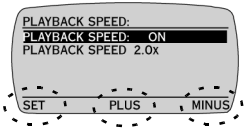
Using Playback Speed

Playback Speed allows you to slow down or speed up audio playback without changing pitch. For voice recordings, the speed range is from 0.5x to 2.0x. For MP3 tracks, the speed range is from 0.5x to 1.4x.

Ensure that you are in EAX AND SYSTEM MENU before proceeding.



1. Press the **SCROLL UP/DOWN** buttons to select PLAYBACK SPEED.
2. Press **OPEN**.



3. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
4. Press **PLUS** or **MINUS** to adjust the setting.
   To enable Playback Speed, ensure that the setting is ON.
5. Press **SET** to save the adjustment(s).

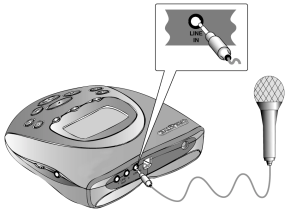
Creating and Saving an Audio Recording

A neat feature of D.A.P Jukebox is its ability to record hours of audio using an attached microphone. With the Jukebox, you can now easily record your important lectures and interviews in digital format.

Noise may occur from the rear speakers while you are creating a recording but it will NOT be captured in the recording. Disconnect the rear speakers attached to Line Out Jack 2 from your D.A.P Jukebox if noise occurs.

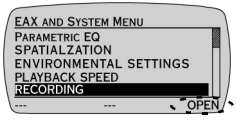
Recordings are saved in increments of 10 minutes, when recording at 48Mhz

Ensure that you are in EAX AND SYSTEM MENU before proceeding.

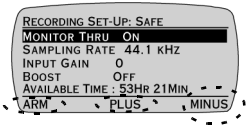


1. Connect a pre-amplified microphone or other sources e.g. MD line-out to the Jukebox's LINE IN jack.

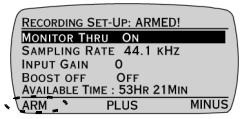
Note: A pre-amplified microphone must be used for recording.



2. Press the **SCROLL UP/DOWN** buttons to select RECORDING.
3. Press **OPEN**.



4. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
5. Press **PLUS** or **MINUS** to adjust the setting.

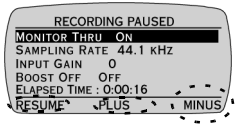


6. Press **ARM** to go to recording standby state.

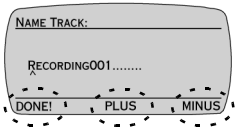
Note: To hear what you are recording, set MONITOR THRU to ON. To begin recording without making any adjustments to recording settings, skip Steps 4 and 5.

7. Press the **PLAY** button to begin recording.

Note: You can make real-time adjustments to the record settings while recording by following Step 5.



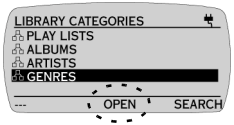
8. Press the **STOP** button or **PAUSE** to pause recording.
9. Press **RESUME** to continue recording or press **DISCARD** to delete the recording.
10. Press **SAVE** to save the recording.



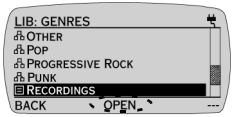
11. Press **PLUS** or **MINUS** to change the letter and then press the **SCROLL UP/DOWN** buttons to move the letter entry position.
12. Press **DONE!** to save the recording. The recording is saved in GENRES and ALBUMS.

Listening to an Audio Recording

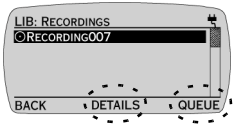
To listen to your saved audio recording, ensure that you are in the LIBRARY CATEGORIES screen.



1. Press the **SCROLL UP/DOWN** buttons to select GENRES.
2. Press **OPEN**.



3. Press the **SCROLL UP/DOWN** buttons to select RECORDINGS.
4. Press **OPEN**.

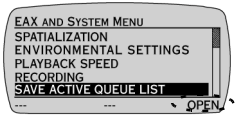


5. Press the **SCROLL UP/DOWN** buttons to select the recording you have saved.
6. Press the **PLAY** button to listen.
   Press **DETAILS** to view information on the track.
   Press **QUEUE** to place the track on in the active queue list.

You can use the bundled software to transfer recordings to your PC or Mac and convert them to MP3/WMA format. You can use Playback Speed (refer to "Using Playback Speed" on page 3-9) to slow down or speed up the playback speed of your audio recording.

Saving an Active Queue List

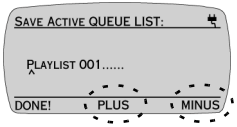
This feature allows an active queue list to be saved on the Jukebox.



1. After you have created an active queue list, press **EAX** to access EAX AND SYSTEM MENU screen.

Note: For details on how to create an active queue list, refer to"Saving an Active Queue List in DETAILS screen" on page 3-7.

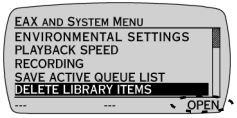
2. Press the **SCROLL UP/DOWN** buttons to select SAVE ACTIVE QUEUE LIST.
3. Press **OPEN**.



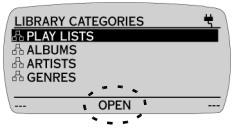
4. Press **PLUS** or **MINUS** to change the letter and then press the **SCROLL UP/DOWN** buttons to move the letter entry position indicated by a caret(^).
5. Press **DONE!** to save the play list.

Deleting Library Items

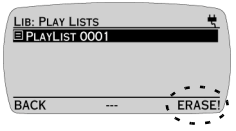
This feature allows a play list, track or album to be deleted completely from D.A.P Jukebox. Ensure that you are in EAX AND SYSTEM MENU before proceeding.



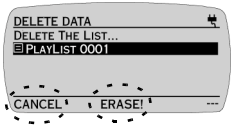
1. Press the **SCROLL UP/DOWN** buttons to select DELETE LIBRARY ITEMS.
2. Press **OPEN** to access LIBRARY CATEGORIES screen.



3. Press the **SCROLL UP/DOWN** buttons to select PLAY LISTS.
4. Press **OPEN**.



5. Press the **SCROLL UP/DOWN** buttons to select the play list you would like to delete.
6. Press **ERASE**.



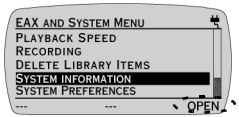
7. Verify again the play list to be deleted. Press **ERASE** to delete. Press **CANCEL** to cancel the deletion.

Note: Using this feature will stop playback and clear the current playlist. If a play list is selected for deletion, only the list is deleted - the tracks or albums remain on the Jukebox.

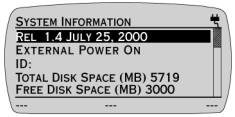
Viewing System Information

The SYSTEM INFORMATION screen provides useful data on your Jukebox's power consumption, disk space and number of audio tracks and albums stored. The release number and date of your Jukebox is also shown. You can also view your Jukebox's ID if you have created one using Creative's PlayCenter 2.

Ensure that you are in EAX AND SYSTEM MENU before proceeding.



1. Press the **SCROLL UP/DOWN** buttons to select SYSTEM INFORMATION.
2. Press **OPEN**.

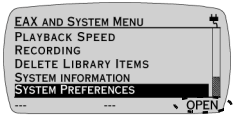


3. Press **LIB** to return to the **LIBRARY CATEGORIES** screen.
   Press **EAX** to return to the EAX and System Menu screen.

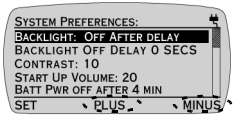
The System Information screen is for display only. You will not be able to adjust any of the settings except the ID. To change the ID, start PlayCenter 2, open the **Transfer Window**, and click **Settings** on the toolbar. Type a new ID and click **OK**.

Adjusting System Preferences

The SYSTEM PREFERENCES screen allows you to adjust some of the Jukebox's overall functions. You can adjust the Jukebox's LCD display by adjusting Backlight or Contrast settings. A preferred startup volume can also be set with the Startup Volume setting. If the Jukebox is not in use, you can put it on standby with the Sleep mode function.



1. Press **SYSTEM PREFERENCES**.



2. Press **OPEN**.
3. Press the **SCROLL UP/DOWN** buttons to select a setting for adjustment.
4. Press **PLUS** or **MINUS** to adjust the setting.
5. Press **SET** to save the adjustment(s).

You can set the LCD Backlight to be ALWAYS ON, ALWAYS OFF and OFF AFTER DELAY. If OFF AFTER DELAY is selected, the BACKLIGHT OFF DELAY setting will appear; this setting allows you to configure the backlight to turn off 10 to 300 seconds after you last pressed a Jukebox button.
You can also set Novice Mode to be ON or OFF. In Novice Mode, a screen prompt will appear indicating some instructions.
Adjustments to System Preferences are effective immediately.

Currently sleep mode will only work with battery power.

Using Creative PlayCenter 2 in Windows 4

This chapter describes only the basic tasks available with PlayCenter 2. For more information, see the PlayCenter 2 Help file by clicking the question mark (?) on the PlayCenter 2.

We recommend you read the **About PlayCenter 2** page in the Help file to be familiar with PlayCenter 2's user interface.

Introducing PlayCenter 2

Creative PlayCenter 2 allows you to manage the contents on your D.A.P Jukebox:

- ❑ Play MP3/WMA files on your Jukebox
- ❑ View and manage the contents of your Jukebox
- ❑ Transfer audio and data files to and from your Jukebox

To open PlayCenter 2

1. Connect D.A.P Jukebox to your computer.
2. Start PlayCenter 2 by either of the following methods:

- ❑ Double-click the **PlayCenter 2** icon on the Windows desktop.
- ❑ Click **Start** -> **Programs** -> **Creative** -> **Creative PlayCenter 2.0** -> **Creative PlayCenter 2.0**.

Figure 4-1: The PlayCenter 2 user interface.

Using PlayCenter 2

To download MP3/WMA files to your Jukebox

Refer to “To copy files from your hard disk to the Jukebox” on page 4-3.

To rip an audio CD into MP3/WMA files

1. Insert an audio CD into the CD-ROM drive.
2. Click the **Audio CD** button.
   The **CD Drive** Window appears.
3. In the **Main** window, click the boxes next to the tracks you want to rip.
4. To rip to your hard disk, click either **My Computer** or **PC Music Library** in the **Transfer** window. See “To change PlayCenter 2’s settings” on page 4-3.
5. To rip to your player, click the **D.A.P Jukebox** button in the **Transfer** window.
6. Browse to your preferred folder and then click the **Rip To** button.
   The **Transfer Queue** shows the progress of the ripping. The ripped MP3 song’s information is stored under **Albums, All Tracks and Artists**.
7. To preview the song that you have just ripped, click the song title and then click the **Preview** icon.

To transfer data files from your computer to your Jukebox

The same procedure applies for transferring data files from your Jukebox to your computer.

1. In the **Main** Window, click the **My Computer** button and browse to the folder which contains the data files to be transferred.
2. Click the **D.A.P Jukebox** button in the **Transfer** window.
3. Click the **Media** Bar in the **Transfer** window, select **Content** and then click **Data** (see Figure 4-2 below).

Figure 4-2: To transfer data files to D.A.P Jukebox.

4. Click the lower **Transfer** button.

To copy files from your hard disk to the Jukebox

1. On the PC Music Library window, select the tracks to be uploaded to the Jukebox.
2. Click the arrow button pointing to the Jukebox window.
3. The Transfer Queue scale at the bottom of the PC Music Library window displays the status of the transfer.

Figure 4-3: To copy files to D.A.P Jukebox.

To transfer files from the Jukebox to your computer

1. In the My Computer window, open the folder to which you want to copy the file from the Player.
2. Select the file in the Player that you want to copy to your PC's hard disk (or other destination).
3. Click the Upload button on the D.A.P Jukebox window to copy the file to your PC.

To change PlayCenter 2's settings

1. Click the **Settings** button to display the **Setting** dialog box.

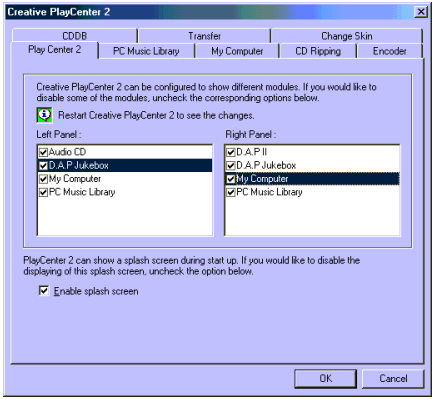

Creative PlayCenter 2
CDDB
Transfer
Change Skin
Play Center 2
PC Music Library
My Computer
CD Ripping
Encoder
Creative PlayCenter 2 can be configured to show different modules. If you would like to disable some of the modules, uncheck the corresponding options below.
Restart Creative PlayCenter 2 to see the changes.
Left Panel :
Right Panel :
Audio CD
D.A.P Jukebox
My Computer
PC Music Library
D.A.P II
D.A.P Jukebox
My Computer
PC Music Library
PlayCenter 2 can show a splash screen during start up. If you would like to disable the displaying of this splash screen, uncheck the option below.
Enable splash screen
OK
Cancel

*Figure 4-4: PlayCenter 2's **Settings** dialog box.*

2. Click any tab to display the settings on the tab:
   - ❑ **PlayCenter 2**: Selects modules to be displayed on either window.
   - ❑ **PC Music Library**: Assigns a folder for storing files on your computer's hard disk.
   - ❑ **My Computer**: Select the types of media files that you want PlayCenter 2 to display.
   - ❑ **CD Ripping**: Configure a CD-ROM drive for digital audio extraction.
   - ❑ **Encoder**: Select between **MP3**, **WMA** and **WAV** compression methods.
   - ❑ **CDDB**: Select whether or not to automatically retrieve CDDB information for an audio CD.
   - ❑ **Transfer**: Select options for file transfer.
   - ❑ **Change Skin**: Select different skins for the PlayCenter 2 user interface.

To connect to the D.A.P Jukebox web site

- Click on the Internet button on PlayCenter 2.

You must be connected to the Internet for your default Web browser to connect to www.europe.creative.com/jukebox.

Upgrading D.A.P Jukebox's firmware

To upgrade the D.A.P Jukebox:

1. Click on the Internet button on PlayCenter 2. Or, type the URL address **(www.europe.creative.com/jukebox)** into your browser's Location box and press the ENTER key.
2. On the home page, click on Software Downloads.
3. Under Downloads, look for an upgrade to D.A.P Jukebox (or PlayCenter 2). Follow the instructions on the web site to download the upgrade file.

Using iTunes in Macintosh OS

5

Any reference to “NOMAD Jukebox” in iTunes also refers to the D.A.P Jukebox player.

The Macintosh iTunes application, included in your D.A.P Jukebox package, features a powerful interface for importing music CDs to MP3 files, creating playlists, creating music CDs, moving music to your D.A.P Jukebox player as well as for listening to hundreds of radio stations on the Internet.

Voice files recorded with your D.A.P Jukebox (denoted by the file name extension **.NVF**) can also be manipulated and played back with iTunes in the same way as any other supported music file.

You can launch the iTunes application after installing the software and setting up your player as described in “Setting Up Your D.A.P Jukebox” on page 2-1.

Extensive instructions on how to use iTunes can be found after launching the application, by clicking the **Help** menu, then **iTunes Help**.

When iTunes is launched, you will see the main interface as shown below:

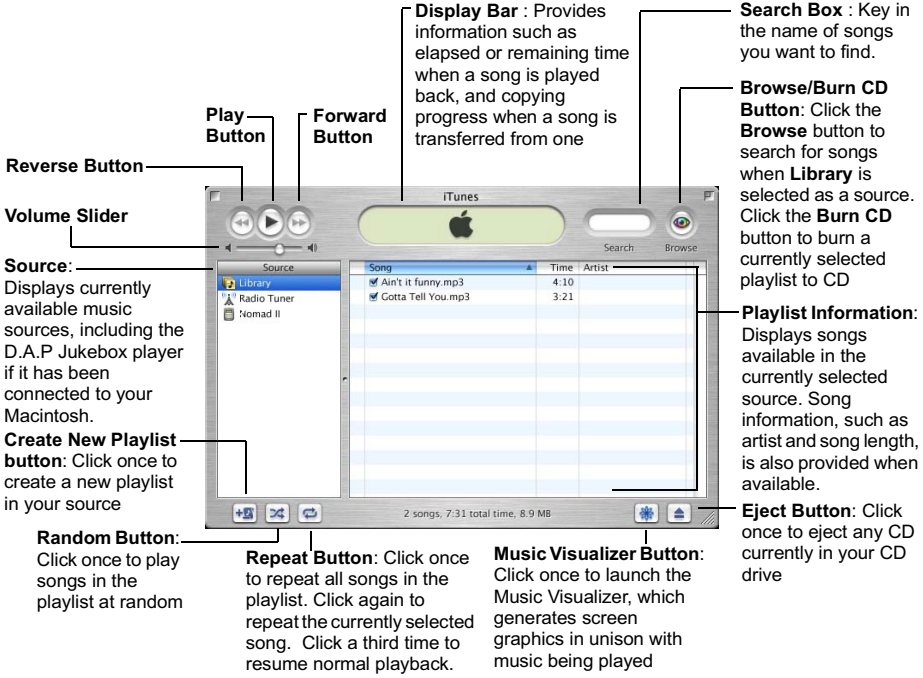
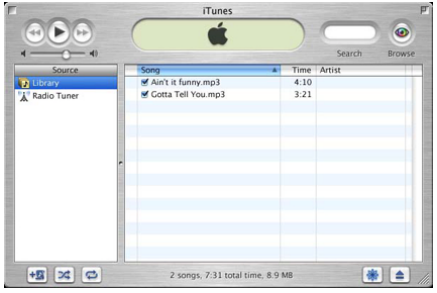

Display Bar : Provides information such as elapsed or remaining time when a song is played back, and copying progress when a song is transferred from one
Search Box : Key in the name of songs you want to find.
Play Button
Forward Button
Reverse Button
Volume Slider
Browse/Burn CD Button: Click the Browse button to search for songs when Library is selected as a source. Click the Burn CD button to burn a currently selected playlist to CD
Source: Displays currently available music sources, including the D.A.P Jukebox player if it has been connected to your Macintosh.
Playlist Information: Displays songs available in the currently selected source. Song information, such as artist and song length, is also provided when available.
Create New Playlist button: Click once to create a new playlist in your source
Eject Button: Click once to eject any CD currently in your CD drive
Random Button: Click once to play songs in the playlist at random
Repeat Button: Click once to repeat all songs in the playlist. Click again to repeat the currently selected song. Click a third time to resume normal playback.
Music Visualizer Button: Click once to launch the Music Visualizer, which generates screen graphics in unison with music being played
iTunes
Search
Browse
Source
Library
Radio Tuner
Nomad II
Song
Time
Artist
Ain't it funny.mp3
4:10
Gotta Tell You.mp3
3:21
2 songs, 7:31 total time, 8.9 MB

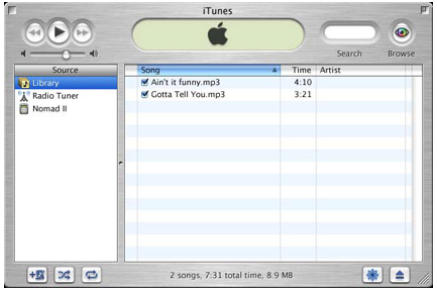
Figure 5-1: The iTunes interface.

Transferring music files from iTunes to your D.A.P Jukebox player

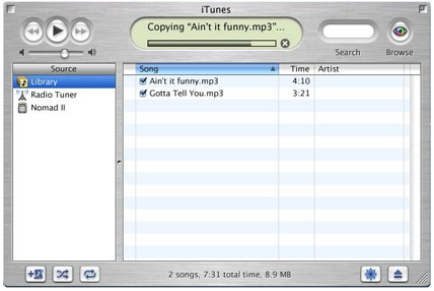
1. Launch the iTunes application if it has not already been launched. The iTunes interface appears, with **Library** selected as your source.



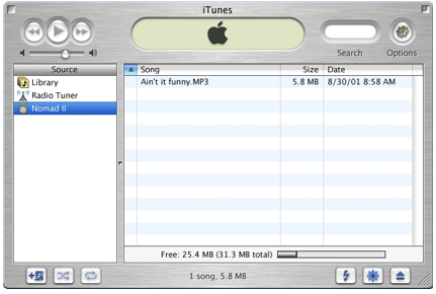
2. Connect your D.A.P Jukebox player to your Macintosh. A **D.A.P Jukebox** icon appears in the **Source** box.



3. With the **Library** icon selected, click and drag the songs you want to transfer from the playlist to the **D.A.P Jukebox** icon in the **Source** box.
4. The selected songs are transferred to your D.A.P Jukebox player.

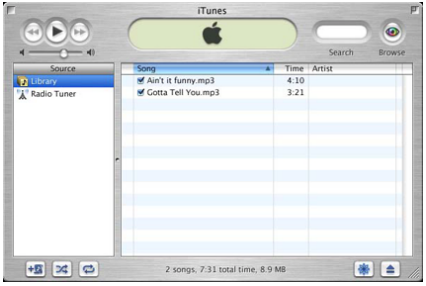


5. After the songs have been copied to your player, click the **D.A.P Jukebox** icon in the **Source** box. Be sure that the songs transferred to your player are listed.

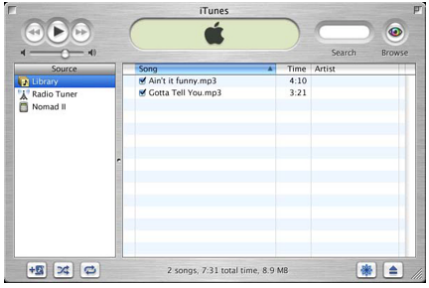


Transferring music files from your D.A.P Jukebox player to iTunes

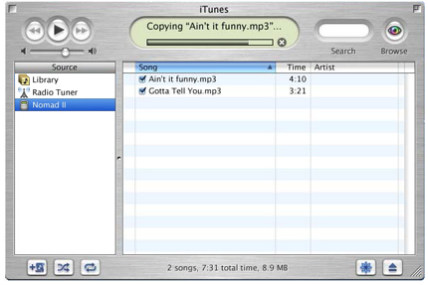
1. Launch the iTunes application if it has not already been launched. The iTunes interface appears, with **Library** selected as your source.



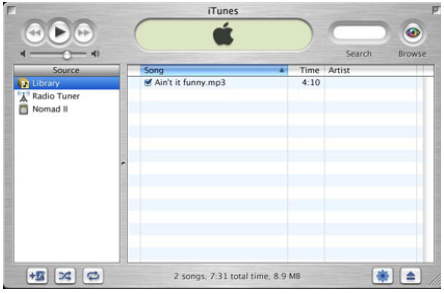
2. Connect your D.A.P Jukebox player to your Macintosh. A **D.A.P Jukebox** icon appears in the **Source** box.



3. Click the **D.A.P Jukebox** icon in the **Source** box.
4. With the **D.A.P Jukebox** icon selected, click and drag the songs you want to transfer from the playlist to the **Library** icon in the **Source** box.
5. The selected songs are transferred to iTunes.



6. After the songs have been copied to iTunes, click the **Library** icon in the **Source** box. Be sure that the songs transferred to iTunes are listed.



An MP3 Primer

A

What is MP3?

MP3 is the acronym for Moving Picture Experts Group (MPEG) Layer 3, a type of audio data compression technology that can reduce digital sound files by as much as one-twelfth of their original size, with virtually no loss in quality. It is an efficient way to store high-quality music or other audio content on your computer.

These MP3 files usually have the extension .MP3, and can be downloaded from the Internet, or be legally produced for personal use from original audio CDs.

It is illegal to encode MP3 files for trade or sale unless you have the expressed and explicit permission of the copyright holder(s).

MP3 Conversion Process

Extracting from Audio CD

You must have a CD-ROM drive that can extract audio data from an audio CD.

Audio CD extraction is the first phase in the MP3 conversion process. You need a program that can direct the CD-ROM drive to extract this audio data. Known as a “ripper”, the program reads the data from the audio CD and sometimes stores it in a file on your hard disk.

The duration of the audio CD extraction phase depends on many factors. The speed of a CD-ROM drive is one of the most important elements in overall extraction speed. The speed ratings commonly seen on CD-ROM drives—like 40X, and so on—refer to the rate at which *data* CDs or CD-ROMs are read. Your CD-ROM drive may be fast at reading non-audio data, but slow at reading audio CD data.

Other factors affecting extraction are defects or scratches on an audio CD which result in lost data. This is not noticeable when the audio CD is playing in a CD-ROM drive. When the audio data is put through the MP3 encoding phase, however, the distortion is highly noticeable. To avoid this distortion, the audio CD extraction program may read the data two or three times to make sure it reads the data correctly. This error-checking feature is an option in most audio CD data extraction software. Be sure error-checking is enabled in your audio CD extraction software.

Encoding to MP3

MP3 encoding is the second phase in the MP3 conversion process. The data extracted from an audio CD is one of the many types of data an MP3 encoder may process. Encoders read .WAV data and compress this data into an MP3 file.

MP3 encoding is quality lossy compression, with some data being lost during compression. Although the original data is greatly compressed, the resulting data does not suffer much loss in audio quality. The amount of quality loss depends upoun the sampling rate of the output and the bitrate of the output. The higher the sampling and bitrates of each of these parameters, the better the quality of the sound.

Memory and Audio Quality

The MP3 memory size and MP3 quality are related. The higher the quality required, the higher the bitrate needed. This leads to more data storage and memory requirements. As D.A.P Jukebox has a huge storage capacity of 6 GB, you should set your encoding bitrate to at least 128 kbps for optimal quality when you create MP3 files from audio CDs using PlayCenter 2. You can still store more than 100 hours of digital music.

MP3 Web Sites

Through web sites, you can download MP3 files either with or without charge and get information about the latest software related to MP3.

Examples of web sites with MP3 content are:

- Europe.creative,com (http://www.europe.creative.com)
- Spinrecords.com (http://www.spinrecords.com)
- Epitonic.com (http://www.epitonic.com)
- SoundClick.com (http://www.soundclick.com)
- The Digital Music Co. (http://www.thedigitalmusicco.com)
- Big Heavy World (http://www.bigheavyworld.com)
- AMP3.com (http://www.amp3.com)
- EZCD.com (http://www.ezcd.com)
- ArtistOne.com (http://www.artistone.com)
- Soundbuzz.com (http://www.soundbuzz.com)

Technical Specifications & Troubleshooting

B

If you have a technical problem with this product, you may wish to consult our self-help tool “Knowledgebase” for on-line troubleshooting and solutions. **(www.europe.creative.com/support)**

D.A.P Jukebox DAP-6G01

Size (W x H x D)

- ❑ 5.5" x 5" x 1.5"

Weight

- ❑ 14 oz without batteries

Memory

- ❑ 8 MB DRAM buffer

Capacity

- ❑ 6GB hard drive (100 hours at 128Kbps encoding)

Battery Life (playback time)

- ❑ 4 hours* of continuous playback of songs which are encoded at 128kbps when fully charged
- ❑ Battery life may be reduced:
  - ❑ If songs with a higher bitrate are played
  - ❑ If EAX is turned on.
  - ❑ If operations such as navigation, skip forward/backward etc. are used frequently
  - ❑ If backlight is turned on for more than the default setting of 10 secs

* Based on usage with NiMH rechargeable batteries, alkaline batteries are not recommended because they are not suitable for high power consumption required by D.A.P Jukebox. Using alkaline batteries may result in a playback time shorter than 1 hour

Interface

- ❑ USB digital data port offering up to 3.2 MBps transfer rate

Playback Formats

- ❑ MP3, WMA, WAV**

Signal to Noise

- ❑ >90 dB

Frequency Response

- ❑ 20 Hz~20000 Hz

Harmonic Distortion

- ❑ <0.1%

Operating System/Firmware

- ❑ Upgradeable via Internet

Line Input

- ❑ 3.5mm stereo minijack

Line outputs

- ❑ 2 x 3.5mm stereo minijack for front and rear speakers

Headphone Out

- ❑ 3.5mm stereo minijack, 100 mW

LCD Display

- ❑ Large 132 x 64 pixel backlit display

Data Connector

- ❑ USB

EAX

- ❑ Environmental Effects
- ❑ Parametric Equalization
- ❑ 3D Spatialized headphones
- ❑ 4-channel surround and adjustable playback speed

Playback Speed

- ❑ Up to 2x faster or slower for audio book content, .WAV files and up to 1.4x faster for MP3 and up to 2x slower for MP3 audio playback

Audio Codec Support

- ❑ MPEG Audio Layer 3 (MP3), WAV and future formats (WMA)**

SDMI Compliance

- ❑ Hardware ready**

** Future audio codec support, firmware upgrades, and SDMI compliance will be available from www.europe.creative.com

Troubleshooting

There is no display on the LCD

Causes

- ❑ The rechargeable NiMH batteries are not inserted correctly according to the polarities indicated on D.A.P Jukebox.
- ❑ The batteries are too weak.

Solutions

- ❑ Check the polarities on the batteries and re-insert them according to the polarities on D.A.P Jukebox.
- ❑ Recharge the batteries.

The message "Creative Personal Digital Entertainment" or "Preparing Library" appears on the LCD and remains displayed for more than 1 minute

Cause

D.A.P Jukebox has stopped responding.

Solution

Follow these steps:

1. Ensure that the power cable is attached to D.A.P Jukebox or the rechargeable batteries have sufficient power.
2. Insert and push a straightened paper clip into the Reset hole.
3. D.A.P Jukebox's LCD becomes blank. Press and hold the Play button to switch on D.A.P Jukebox (see Figure 1-4 on page 1-4).
4. If you continue to encounter this problem, call Technical Support.

D.A.P Jukebox displays "Best of Bach" when I search for an album name that starts with "A"

Cause

- ❑ The search result is normal.

Solution

- ❑ D.A.P Jukebox searches and displays the *nearest* match that starts with "A". In this case, since there is *no* album that starts with "A", the next nearest match that starts with "B" is displayed.

I inserted four brand new alkaline batteries but there is less than one hour of playback on my D.A.P Jukebox

Cause

- ❑ Due to the high power consumption of D.A.P Jukebox, it is *not* recommended to use alkaline batteries in D.A.P Jukebox as the batteries will be drained away much faster than rechargeable NiMH batteries.

Solution

- ❑ If you use D.A.P Jukebox in the outdoors frequently, purchase additional Creative NiMH batteries, and ensure that you charge them before going outdoors.

D.A.P Jukebox experienced some problems when using other types of rechargeable batteries such as NiCd or rechargeable akaline batteries

Cause

- ❑ Other types of rechargeable batteries cannot be used.

Solution

- ❑ Use Creative NiMH batteries to ensure optimum performance for your D.A.P Jukebox.

D.A.P Jukebox displays a screen prompt every time I switch between the LIBRARY CATEGORIES screen, the EAX AND SYSTEM MENU screen and the ACTIVE QUEUE LIST screen

Cause

- ❑ NOVICE Mode is selected in EAX and System Menu's System Preferences.

Solution

- ❑ Select SYSTEM PREFERENCES and then select **NOVICE MODE**. Press **PLUS** or **MINUS** to select NO and then press **SET** to save the setting.

I hear a soft clicking sound if I shake D.A.P Jukebox

Cause

- ❑ The sound, caused by the special hard disk head protection mechanism, is normal. It does not affect the functions on D.A.P Jukebox.

D.A.P Jukebox stops responding while upgrading firmware

Solution

- ❑ Follow the instructions carefully to upgrade the firmware. Do not disconnect the USB cable during the firmware upgrade process.

Important Safety Instructions

Please be advised to backup the digital audio content on your D.A.P Jukebox player as a precautionary measure against possible data loss due to accidents or other unforeseen circumstances. In such circumstances, Creative Technology Ltd may restore your product to its original factory settings but cannot guarantee that your audio content would remain intact.

General Handling Instructions

Do not subject D.A.P Jukebox to extreme force

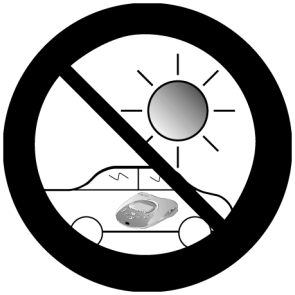
- Vibration during walking or exercising will not affect D.A.P Jukebox. However, dropping D.A.P Jukebox or dropping a heavy object on D.A.P Jukebox may result in distorted sound.

Keep D.A.P Jukebox away from water at all times

- D.A.P Jukebox may be damaged if water enters it.
- If D.A.P Jukebox comes in contact with water, wipe it immediately with a dry cloth. If it does not function, call Technical Support.

Store D.A.P Jukebox carefully

- Avoid keeping D.A.P Jukebox near high heat source(s) or in places with high humidity or strong magnetic field.



Do not place D.A.P Jukebox in a car under direct sunlight for a prolonged period of time

Do not operate D.A.P Jukebox under extremely warm conditions

Specific Handling Instructions

Read and take note of the following safety and operating instructions carefully. Retain these notes for future reference.

Switching Off D.A.P Jukebox

Be sure that D.A.P Jukebox is properly switched off before detaching the power cable from D.A.P Jukebox.

Cleaning D.A.P Jukebox

- ❑ Disconnect the power supply adapter from the wall outlet or power source before cleaning.
- ❑ Do not use liquid or aerosol cleaners.
- ❑ Use a damp cloth for cleaning.

Using and Replacing Batteries

Do not dispose the batteries in fire, recharge, put in backwards, and mix with used or other battery types as they may explode or leak and cause personal injury.

DO NOT:

- ❑ Attempt to recharge batteries other than the type specified. Recharging non-rechargeable batteries (such as normal, heavy duty or alkaline batteries), OR different types of batteries (such as rechargeable alkaline batteries) may lead to an explosion or leakage and cause personal injury.
- ❑ Immerse the batteries in water.
- ❑ Repair or disassemble the batteries.
- ❑ Drop the batteries or subject them to extreme force.
- ❑ Short-circuit the batteries, as this may result in skin burns.

DO:

- ❑ Insert the batteries according to the polarity markings on the product.
- ❑ Keep the batteries in a cool and dry place, away from heat, moisture and metal objects when not in use.
- ❑ Handle leaking batteries with rubber gloves. Avoid direct contact with skin or eyes. If this happens, wash thoroughly with water and seek medical attention.
- ❑ Dispose of used batteries as required by local ordinances or regulations.
- ❑ Keep the batteries out of reach of young children.

Servicing

Do not attempt to service any part of the product yourself. Servicing should only be done by qualified service personnel.

Power Sources

The product should be operated only with the bundled power source. If you are not sure of the power supply cord type in your home, consult your product dealer.

If you are using batteries with your product, refer to the operating instructions included in your documentation and markings, if any, on the product.

Proper Care and Usage

- ❑ Do not use any object to probe the openings of the product as this may result in electric shock or fire, and will also damage the product.
- ❑ Do not spill liquid of any kind on the product.

Health Hazards

Inhalation

Inhaling the fumes from the contents of an exposed battery may cause respiratory irritation. If this happens, breathe in fresh air and seek medical attention.

Skin Contact

Direct skin contact with the contents of an exposed battery may cause skin irritation and/or chemical burns. Remove contaminated clothing and wash the affected skin area with soap and water. If a chemical burn or the irritation persists, seek medical attention.

Eye Contact

If the contents of an exposed battery comes into contact with the eyes, this may cause severe irritation and chemical burns. Flush the eyes thoroughly with water immediately for at least 15 minutes, lifting the upper and lower eyelids while doing so, until no evidence of the chemical remains. Seek medical attention.

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Technical Support

We are committed to giving you the best products aswell as the best service by providing you with a comprehensive suite of eService options complemented by telephone support.

With Creative's eService strategy, we deliver the best possible customer experience using our multilingual Customer support portal, interactive chat, email support and our self-service knowledgebase.

The European support area on our website at **www.europe.creative.com** contains the following options:

Knowledgebase

Creative's Self-service knowledgebase empowers you to quickly resolve your queries by using natural language support and stepping you through targeted questions to help pinpoint the best solution to your particular problem. Should you need additional help, you can escalate your query online through live chat or email ensuring that you receive the best possible service in the manner that is most comfortable to you.

Webchat

Creative's interactive TextChat enables you to contact our Technical Support team through a real-time chat facility. Additional features, such as web page pushing, collaborative browsing and file and brochure exchange, transform your chat session into a fully interactive support experience.

eMail

Should you not obtain a solution to your query using our Knowledgebase system, you can click the “Not Solved” button located at the bottom of any suggested solution document to escalate your query via eMail. If you do not have access to our website then you can mail us directly at **support@europe.creative.com**.

Telephone

You have the option to contact our service support team via telephone. Telephone numbers can be found in the **“Creative European Contact Centre”** section below.

Download Drivers*

The Creative website offers a range of updates and drivers for our products in a variety of operating systems.

Download Manuals

Browse Creative's extensive library of product installation and user guides to find documentation for your Creative product.

* *Not applicable for all products*

If You Have a Problem

Please retain all contents including packaging and proof of purchase until you are fully satisfied with your product.

If you have a problem installing or using your Creative product, please use the Creative eServices and/or telephone support for assistance. Should you contact Technical Support, you may be asked for information regarding the following:

- ❑ The model and serial number of your Creative product
- ❑ Error information on the screen and how it came about
- ❑ Information on the adapter cards which may be causing a conflict*
- ❑ Hardware configuration information such as the base I/O address, IRQ line, DMA channels used*
- ❑ Motherboard information: BIOS manufacturer/version and chipset manufacturer
- ❑ Type and version of your operating system, e.g., Windows 95/98 or Windows NT, Windows 2000 or Windows Me

If, after using the Creative support services, you believe your Creative product to be defective, you should verify the purchase date and the take the appropriate action as detailed below:

Less than 30 days since date of purchase

Should your store receipt indicate that the product is less than 30 days old, you have the option of returning the full product to the Dealer/Retailer for a replacement or credit. The 30-day time period may not apply in all instances, so please check the Dealer/Retailer replacement/credit terms.

More than 30 days since date of purchase

Contact European Technical Support to clarify the nature of the problem and to obtain details of our repair/replacement procedure.

* *Not applicable for all products*

Returning a product for repair

- ❑ Creative Labs requires that all returns for repair/replacement must first be issued with an authorisation number, therefore you need to contact Technical Support to receive this number.
- ❑ Technical Support will communicate how to return the product in question for repair/replacement.
- ❑ You should only return the hardware item in question and return it to the address provided by Technical Support. Please retain all software, accessories and the original packaging.
- ❑ Please quote the authorisation number clearly on the outside of the packaging in which you return the hardware item.
- ❑ After receiving the hardware, Creative will process the return.

Please be advised to backup the digital audio content on your D.A.P Jukebox player as a precautionary measure against possible data loss due to accidents or other unforeseen circumstances. In such circumstances, Creative Technology Ltd may restore your product to its original factory settings but cannot guarantee that your audio content would remain intact.

Creative may replace or repair the product with new or re-conditioned parts, and the faulty parts will become the property of Creative. The warranty period for your repaired/replacement item is 90 days from the date of shipment from Creative, or what is left on the original item's warranty, whichever is longer.

To avoid tariffs when shipping a product to Creative Labs from outside the E.U. or from zones with special tax status, you must complete the relevant customs documentation before shipping the product.

Operating Hours

Knowledgebase	Available on-line 24 hours a day	
Webchat*	10:00-18:30 CET	Monday - Friday
Telephone*	10:30-19:00 CET	Monday - Friday

**Closed Sat-Sun & Public Holidays*

Limited Warranty

Creative Labs (Ireland) Limited (“Creative”) warrants to you, the original buyer and holder of this warranty, as it stands in the accompanying warranty card, that the hardware product will be free of defects in materials and workmanship for a period of two (2) years after the date of purchase, or such other period as may be expressly specified by Creative or required by applicable law (“Warranty Period”).

Creative's entire liability and your remedy will be, at Creative’s sole discretion, the repair or replacement (with the same or similar model) of any hardware or accompanying item(s) not meeting the “Limited Warranty” explained above that is returned to Creative's authorised distributor or dealer during the Warranty Period with a copy of your receipt.

What this warranty does not cover

To the maximum extent permitted by applicable law, Creative disclaims all other warranties and conditions, expressed or implied, including the conditions of quality, merchantability or fitness for a particular purpose with respect to the use of this product. Creative also disclaims any obligation to support products for all operating environments - for example, by ensuring interoperability with future versions of software or hardware. In no event shall Creative or its licensors be liable for any indirect, incidental, special or consequential loss or for any lost profits, savings or data arising from or relating to the use of this product, even if Creative or its licensors have been advised of the possibility of such loss.

This warranty gives you specific legal rights. You may have other rights which vary from country to country. Certain limitations in this warranty are not permitted by the jurisdiction of some countries, so some limitations here may not apply to you.

Specifically, this warranty does not cover failures of the product which result from accident, abuse, misuse, alterations (by persons other than Creative or its authorized repair agents), moisture, corrosive environments, shipping, high voltage surges, or abnormal working conditions. This warranty does not cover normal wear and tear. You are specifically advised to take a backup copy of any software provided with the Creative product for security purposes.

Creative European Contact Centre

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Please note that international call rates will apply. Please contact your telecoms company to verify the exact rate you will be charged.